

11th Annual Forum on Waste Reduction

Proposed C&D Ban: What it means to Municipalities

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DEP C&D Disposal Ban

- C&D Generation/Solid Waste Master Plan
- C&D Subcommittee
- Impact to Municipalities
- Status of the proposed Solid Waste Amendments

C&D Management in 2000

	Tons	Percent
Generated	4,480,000	
Disposed	660,000	15%
Net Exported	320,000	7%
Recycled	3,500,000	78%
• Asphalt, Brick, and Concrete (ABC)	3,290,000	94% (% of recycling)
• Metal	70,000	2% (% of recycling)
• Non-Fuel Wood	60,000	2% (% of recycling)
• Other	80,000	2% (% of recycling)

Beyond 2000 Solid Waste Master Plan

- Achieve Non-MWS waste reduction rate of 88% by 2010
- Promote source reduction in building design, construction and redevelopment
- Support development of recycling/reuse infrastructure
- Implement a ban on unprocessed C&D debris in 2003

Construction and Demolition Debris Subcommittee

- External Stakeholders
- Focused on the implementation of the C&D aspects of the SWMP
- Recommend amendments to Solid Waste Regulations and Guidance Document to DEP

C&D Workgroups

- Source Separation Workgroup
- Market Development Workgroup
- Processing Workgroup
- Gypsum Workgroup
- Policy Workgroup

C&D Subcommittee Recommendations

- Add asphalt paving, brick, concrete, metal and wood to the list of materials restricted from disposal in 310 CMR 19.017.
- Require C&D processing facilities to comply with existing ban on old corrugated cardboard.
- State in background document and guidance documents to the regulations, DEP's intent to ban other C&D materials at later dates.

What is the impact to municipalities?

Note: Based on C&D Subcommittee Recommendations

Scenario No. 1:

Municipal Transfer Station collects less than 5 cubic yard loads

- No ongoing monitoring or comprehensive inspection required.
- Send combined loads to SW Handling Facility with an approved waste ban compliance plan.

What is the impact to municipalities?

Note: Based on C&D Subcommittee Recommendations

Scenario No. 2:

Municipal Transfer Station (TS) receives loads greater than 5 cubic yards:

- Option A: Municipal TS needs to monitor and inspect loads for restricted material.
- Option B: Municipal TS needs to send load to a facility with an approved waste ban compliance plan.

What is the impact to municipalities?

Note: Based on C&D Subcommittee Recommendations

Scenario No. 3:

Curbside pick-up:

- Restricted material can be picked up curbside with MSW.
- Compactor load subject to monitoring and inspection however, SW handling facility need not remove restricted material that represents less than 20% of the total load.

Market Reaction to Proposed Ban of C&D Material

- Processing Capacity Increasing
- C&D Wood
 - Increasing interest in energy recovery
 - Increasing interest in mulch
 - Increasing interest in European market

Opportunities with Proposed Ban

Source Separation of specific materials may prove to lower overall disposal costs:

- Discounts on tip fees
- Providing wood directly to energy recovery facilities

Status of Regulations

- Pubic Hearings following review and comment by:
 - Department of Environmental Protection
 - Executive Office of Environmental Affairs
 - Administration and Finance
- Effective Date:
 - Proposing nine months following the promulgation date of the amendments
(NOTE: DEP is interested in receiving comments on this proposed effective date)

Next Steps

C&D Subcommittee is reviewing what additional C&D Material to recommend adding to the list of restricted material:

- Gypsum
- Asphalt Shingles
- Carpet
- Ceiling Tiles

Additional Information

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